

## Kansas Corporation Commission Oil & Gas Conservation Division

#### 1060072

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License #   | API No. 15   |
|---|--|
| Name:   | Spot Description:  |
| Address 1:  | SecTwpS. R 🗌 East 🗌 West   |
| Address 2:  | Feet from North / South Line of Section  |
| City: State: Zip: +   | Feet from East / West Line of Section  |
| Contact Person:   | Footages Calculated from Nearest Outside Section Corner:   |
| Phone: ()   | □NE □NW □SE □SW  |
| CONTRACTOR: License #   | County:  |
| Name:   | Lease Name: Well #:  |
| Wellsite Geologist:   | Field Name:  |
| Purchaser:  | Producing Formation:   |
| Designate Type of Completion:   | Elevation: Ground: Kelly Bushing:  |
| New Well Re-Entry Workover  | Total Depth: Plug Back Total Depth:  |
| Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):  | Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt |
| Operator:   |  |
| Well Name:  | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)   |
| Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW  Plug Back: Plug Back Total Depth  Commingled Permit #:  Dual Completion Permit #:  SWD Permit #: | Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:  Operator Name: License #:  Quarter Sec Twp S. R East West              |
| ENHR Permit #:  | County: Permit #:  |
| Spud Date or Recompletion Date  Date Reached TD Completion Date or Recompletion Date  Recompletion Date   |  |

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

| KCC Office Use ONLY                |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|
| Letter of Confidentiality Received |  |  |  |  |  |
| Date:                              |  |  |  |  |  |
| Confidential Release Date:         |  |  |  |  |  |
| Wireline Log Received              |  |  |  |  |  |
| Geologist Report Received          |  |  |  |  |  |
| UIC Distribution                   |  |  |  |  |  |
| ALT I II Approved by: Date:        |  |  |  |  |  |

Side Two



| Operator Name:   |  |                                     |                                | _ Lease N            | lame:     |                        |   | Well #:           |          |                         |
|--|--|-------------------------------------|--------------------------------|----------------------|-----------|------------------------|---|-------------------|----------|-------------------------|
| Sec Twp  | S. R   | East                                | West                           | County:              |           |                        |   |                   |          |                         |
| INSTRUCTIONS: Sh<br>time tool open and clo<br>recovery, and flow rate<br>line Logs surveyed. A | osed, flowing and shu<br>es if gas to surface te | t-in pressures,<br>st, along with f | whether sh<br>inal chart(s     | nut-in press         | ure reach | ed static level,       | hydrostatic pres                          | ssures, bottom h  | ole temp | erature, fluid          |
| Drill Stem Tests Taker<br>(Attach Additional S   |  | Yes                                 | No                             |                      | Log       | y Formation            | n (Top), Depth a                          | nd Datum          |          | Sample                  |
| Samples Sent to Geo  | logical Survey                                   | Yes                                 | No                             |                      | Name      |                        |   | Тор               | I        | Datum                   |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitte<br>(If no, Submit Copy                | d Electronically                                 | Yes Yes Yes                         | ☐ No<br>☐ No<br>☐ No           |                      |           |                        |   |                   |          |                         |
| List All E. Logs Run:  |  |                                     |                                |                      |           |                        |   |                   |          |                         |
|  |  | Report all                          | CASING I                       |                      | New       | Used mediate, producti | on, etc.                                  |                   |          |                         |
| Purpose of String  | Size Hole<br>Drilled                             | Size Ca<br>Set (In C                | sing                           | Weigi<br>Lbs. /      | ht        | Setting<br>Depth       | Type of<br>Cement                         | # Sacks<br>Used   | , ,,     | and Percent<br>dditives |
|  |  |                                     |                                |                      |           |                        |   |                   |          |                         |
|  |  | AI                                  | DDITIONAL                      | CEMENTIN             | G / SQUE  | EZE RECORD             |   |                   |          |                         |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone                                  | Depth<br>Top Bottom                              | Type of Co                          | ement                          | # Sacks              | Used      |                        | Type and                                  | Percent Additives |          |                         |
|  |  |                                     |                                |                      |           |                        |   |                   |          |                         |
| Shots Per Foot   | PERFORATI<br>Specify I                           | ON RECORD -<br>Footage of Each      | Bridge Plugs<br>Interval Perfo | s Set/Type<br>orated |           |                        | cture, Shot, Cemei<br>mount and Kind of N |                   | d<br>    | Depth                   |
|  |  |                                     |                                |                      |           |                        |   |                   |          |                         |
|  |  |                                     |                                |                      |           |                        |   |                   |          |                         |
| TUBING RECORD:   | Size:  | Set At:                             |                                | Packer At:           |           | Liner Run:             |   |                   |          |                         |
| Date of First, Resumed   | Production, SWD or EN                            |                                     | ducing Meth                    | od:                  |           | as Lift C              | Yes No                                    | 0                 |          |                         |
| Estimated Production<br>Per 24 Hours   | Oil  | Bbls.                               |                                | Mcf                  | Water     |                        | ols.                                      | Gas-Oil Ratio     |          | Gravity                 |
| DISPOSITIO   | ON OF GAS:                                       |                                     | M                              | IETHOD OF            | COMPLET   | ION:                   |   | PRODUCTIO         | ON INTER | VAL:                    |
| Vented Sold  | Used on Lease                                    | Open                                | Hole Specify)                  | Perf.                | Dually (  |                        | nmingled<br>mit ACO-4)                    |                   |          |                         |

| Form      | ACO1 - Well Completion |
|-----------|------------------------|
| Operator  | Shelby Resources LLC   |
| Well Name | Fisher 1-15            |
| Doc ID    | 1060072                |

# All Electric Logs Run

| Dual Induction              |  |
|-----------------------------|--|
| Compensated Neutron Density |  |
| Micro                       |  |
| Sonic                       |  |
| Dual Reciever Cement Bond   |  |



# Fisher # 1-15 /Casing Report

API#15-185-23645-00-00

GL:

KB:

1965'

1974

1724' FNL & 1110' FEL Sec. 15, T25s-R14w Stafford County, Kansas

## 10/19/10 Surface Casing

Spud at 7:45 p.m. Drill 12<sup>1</sup>/<sub>4</sub>" hole to 925'. Ran 21 joints of new 8. 5/8" 23# casing tallied 908.19' and set at 920.19' KB. Cemented by Allied Cementing with 400 sx 60/40 Poz 2% gel, 3% CC. Cement did circulate. Plug down at 11:00 a.m. welded straps on the bottom 3 joints and welded collars on the next 2 joints and collars on the top 5 joints. WOC

#### 10/27/10 Production Casing

On location @ 7:00 p.m. RIH with drill pipe and condition the hole. Lay down drill pipe and collars, RIH with Triplex shoe and 102 joints 5½" (15.5#) casing. Shoe joint was 20.02'. Set casing @ 4234.37' KB, insert @ 4213.35'. Marker joint is 15 joints off bottom and measured 10.11'. Landed casing 92' off of RTD-4325' and LTD-4326'. Ran a Triplex shoe on bottom of shoe joint and centralizers on #3, 5, #8, 10, #13 and #15. Landed casing @ 12:25 a.m. (10/28/10) Circulate hole for 60 minutes to lower viscosity in mud. RU Basic Services, drop ball and pressure up casing to 1200# to set Triplex shoe, mix and pump 50 sx 60/40 Poz-Mix as scavenger flush, followed by 175 sx AA-2 cement down casing. Had good circulation throughout the job. Plug down @ 2:00 a.m. and held 1500#, plug RH with 30 sx and MH with 20 sx. Release pressure and float held. Release Sterling Rig #4 @ 3:00 a.m. WOC

| RICKETTS | TESTING  | (620) 326-583                       | 0                              | Pa              | ige 1 |
|----------|--|-------------------------------------|--------------------------------|-----------------|-------|
|          | Shelby Resorces, LLC<br>445 Union Blvd. Ste. 208<br>Lakewood, CO 80228 | Lease Name<br>Lease #<br>Legal Desc | Fisher<br>1-15<br>See Comments | Job Ticket      | 2127  |
|          | Sean Deenihan  | Section<br>Township                 | 15<br>25S                      | Range           | 14W   |
|          |  | County Drilling Cont                | Stafford Sterling Drilling Co. | State<br>Rig #4 | KS    |
| Comments | Legal Description: 1724' FNL & 1110' FEL Field: Jordan                 |                                     |                                |                 |       |
|          |  |                                     |                                |                 |       |

| GENERAL INFO | RIVIATION            |            |                   |                        |
|--------------|----------------------|------------|-------------------|------------------------|
|              |                      | Chokes     | 3/4               | Hole Size <b>7 7/8</b> |
| Test # 1     | Test Date 10/24/2010 | Top Record | er # <b>W1119</b> |                        |

Mid Recorder # W1022 **Tim Venters** Bott Recorder #13310 Test Type **Conventional Bottom Hole** Successful Test

# of Packers 2.0 Packer Size 6 3/4 Mileage Approved By

Standby Time 0

Gel Chem Extra Equipmnt Jars & Safety joint Mud Type

Mud Weight 9.1 Viscosity 49.0 Time on Site 4:25 PM Filtrate Chlorides Tool Picked Up 6:40 PM 9.6 5000 Tool Layed Dwn1:55 AM

Drill Collar Len 218.0 Wght Pipe Len 0

Tester

Elevation 1965.00 Kelley Bushings 1974.00

Start Date/Time10/23/2010 5:23 PM Formation Lansing "A-D" Interval Top End Date/Time 10/24/2010 1:59 AM 3672.0 Bottom 3755.0

Anchor Len Below 83.0 Between

Total Depth 3755.0

Blow Type Strong blow throughout the initial flow period, reaching the bottom of the bucke

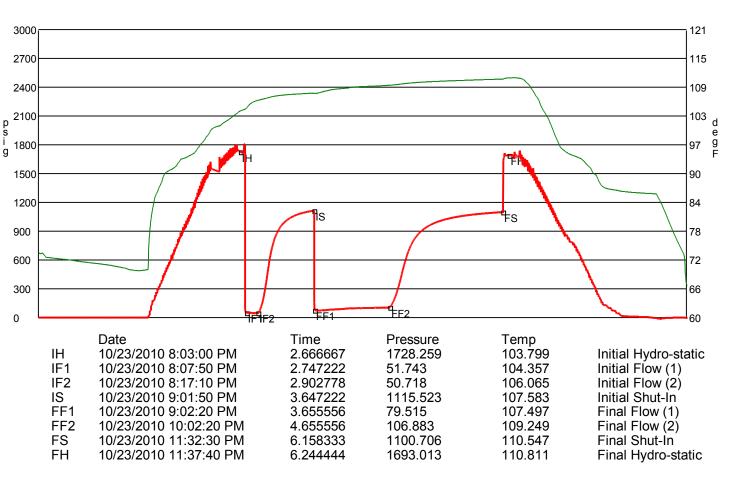
t in 1 1/2 minutes. Fairly strong blow at the start of the final flow period, b uilding, reaching the bottom of the bucket in 10 minutes. It never did really blow water out of the bucket. Weak surface blow at the start of the final shut-

in period, lasting about 45-60 minutes. Times: 10, 45, 60, 90.

#### RECOVERY

| <u>Feet</u> | Description                             | <u>Gas</u> | Oil      | <u>Water</u> | <u>Mud</u> |
|-------------|---|------------|----------|--------------|------------|
| 795         | Gas in Pipe                             | 100%795ft  | 0% Oft   | 0% Oft       | 0% Oft     |
| 35          | Mud                                     | 0% Oft     | 0% Oft   | 0% Oft       | 100%35ft   |
| 60          | Mud with a very slight trace of oil     | 0% Oft     | trace    | 0% Oft       | 100%60ft   |
| 65          | Gassy, slight oil cut mud               | 20% 13ft   | 17% 11ft | 0% Oft       | 63% 41ft   |
| 65          | Gassy, slight oil, slight water cut mud | 10% 6.5ft  | 20% 13ft | 13% 8.4ft    | 57% 37.1ft |

**DST Fluids** 20000



### **GAS FLOWS**

Min Into IFP Min Into FFP Gas Flows Pressure Choke

| RICKETTS TESTING                       |   | (620) 326-5830              | )   | Pa                                     | ige 1  |                   |
|--|---|-----------------------------|---|--|--|-------------------|
| Company<br>Address<br>CSZ<br>Attn.     | Shelby Resor<br>445 Union Bly<br>Lakewood, Co<br>Sean Deeniha | /d. Šte. 208<br>O 80228     | Lease Name<br>Lease #<br>Legal Desc<br>Section<br>Township<br>County<br>Drilling Cont | Fisher 1-15 See Commer 15 25S Stafford | nts Job Ticket<br>Range<br>State<br>ing Co. Rig #4 | 2127<br>14W<br>KS |
| Comments                               | Legal Descrip<br>Field: Jordan                                | tion: 1724' FNL & 1110' FEL | Dilling Cont  | Sterning Drini                         | mg co. Kig #4                                      |                   |
| GENERAL                                | INFORMATIO  | N                           | Chokes  | 3/4                                    | Hole Size 7 7/8                                    |                   |
| Test # <b>2</b><br>Tester<br>Test Type | Tim Venters<br>Conventional<br>Successful To                  |                             | Top Recorder # Mid Recorder # Bott Recorder #   | # W1119<br># W1022                     |  |                   |
| # of Packers Mud Type                  | 2.0<br>Gel Chem   | Packer Size <b>6 3/4</b>    | Mileage<br>Standby Time<br>Extra Equipmn  | 44<br>0<br>t Jars & Safety             | Approved By  |                   |

Time on Site 10:25 AM

Tool Picked Up 12:05 PM

1965.00

End Date/Time 10/24/2010 8:41 PM

Kelley Bushings 1974.00

Tool Layed Dwn8:40 PM

Drill Collar Len 218.0 Wght Pipe Len 0

9.0

8.8

Mud Weight

Formation

Interval Top

Filtrate

Viscosity 50.0 Chlorides 5000

> Elevation Start Date/Time10/24/2010 11:27 AM

Lansing "H" 3816.0 3793.0 Bottom Anchor Len Below 23.0 Between

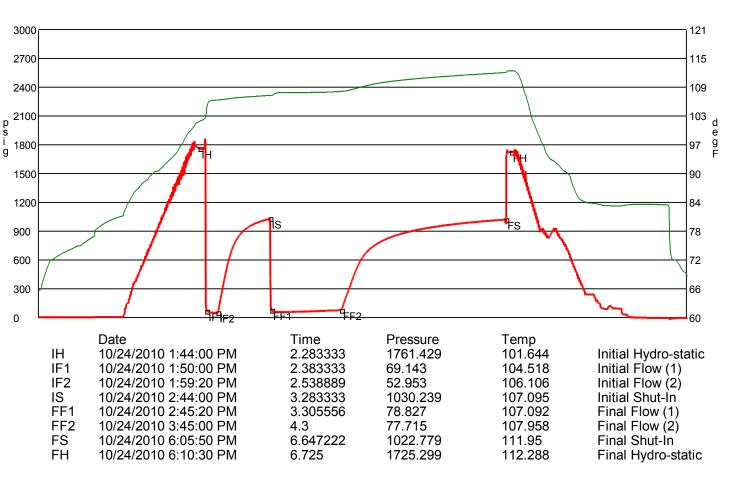
Total Depth 3816.0 Blow Type

Strong blow throughout the initial flow period, reaching the bottom of the bucke t in 30 seconds. I had my 2 inch flow valve open about 1/4 inch and still blew o ff bottom. Very strong blow throughout the final flow period, hitting the botto m of the bucket instantaneously. Gas to surface: 6 minutes. Weak surface blow back at the start of the final shut-in period, building to 9 inches in 40 minute s where it depleted back to 7 inches. Times: 10, 45, 60, 142. Oil Gravity: 38.

#### RECOVERY

| <u>Feet</u>     | Description  | Gas  | Oil  | Water  | Mud  |
|-----------------|--|--|--|--|--|
| 35<br>30<br>125 | Gas in Pipe Clean oil Mud cut oil Heavy oil cut mud Very gassy, slight mud cut oil | 100%3520ft<br>0% 0ft<br>0% 0ft<br>0% 0ft<br>40% 24ft | 0% 0ft<br>100%35ft<br>75% 22.5ft<br>36% 45ft<br>50% 30ft | 0% Oft<br>0% Oft<br>0% Oft<br>0% Oft<br>0% Oft | 0% Oft<br>0% Oft<br>25% 7.5ft<br>64% 80ft<br>10% 6ft |
|                 |  |  |  |  |  |

**DST Fluids** 0



#### **GAS FLOWS**

| Min Into IFP | Min Into FFP | Gas Flows | Pressure  | Choke   |
|--------------|--------------|-----------|-----------|---------|
|              |              |           |           |         |
| 0            | 10           | 19.90 mcf | 10.00 h2o | 0.50 in |
| 0            | 20           | 29.40 mcf | 22.00 h2o | 0.50 in |
| 0            | 30           | 16.00 mcf | 6.50 h2o  | 0.50 in |
| 0            | 40           | 14.70 mcf | 5.50 h2o  | 0.50 in |
| 0            | 50           | 14.10 mcf | 5.00 h2o  | 0.50 in |
| 0            | 60           | 12.50 mcf | 4.00 h2o  | 0.50 in |
|              |              |           |           |         |

(620) 326-5830 Page 1 RICKETTS TESTING Lease Name Company Shelby Resorces, LLC **Fisher** Address 445 Union Blvd. Ste. 208 Lease # 1-15 CSZ Lakewood, CO 80228 Legal Desc **See Comments** Job Ticket 2127 Attn. Sean Deenihan Section 15 Range 14W Township **25S** County KS **Stafford** State **Drilling Cont** Sterling Drilling Co. Rig #4 Legal Description: 1724' FNL & 1110' FEL Comments Field: Jordan

GENERAL INFORMATION

Chokes Hole Size 7 7/8 3/4 Top Recorder # W1119 Test #3 Test Date 10/25/2010 Mid Recorder # W1022 **Tim Venters** Tester Test Type **Conventional Bottom Hole** Bott Recorder #13310 Successful Test # of Packers 2.0 Packer Size 6 3/4 Mileage Approved By Standby Time 0 Gel Chem Extra Equipmnt Jars & Safety joint Mud Type Time on Site Mud Weight 9.1 Viscosity 50.0 6:35 AM

Chlorides Tool Picked Up 8:05 AM Filtrate 9.6 6000 Tool Layed Dwn4:45 PM

Drill Collar Len 218.0 Wght Pipe Len 0

Elevation Kelley Bushings 1974.00 1965.00

Formation Lansing "I-J" Start Date/Time10/25/2010 7:30 AM Interval Top End Date/Time 10/25/2010 4:44 PM 3822.0 Bottom 3865.0 Between

Anchor Len Below 43.0 3865.0

**Total Depth** Blow Type

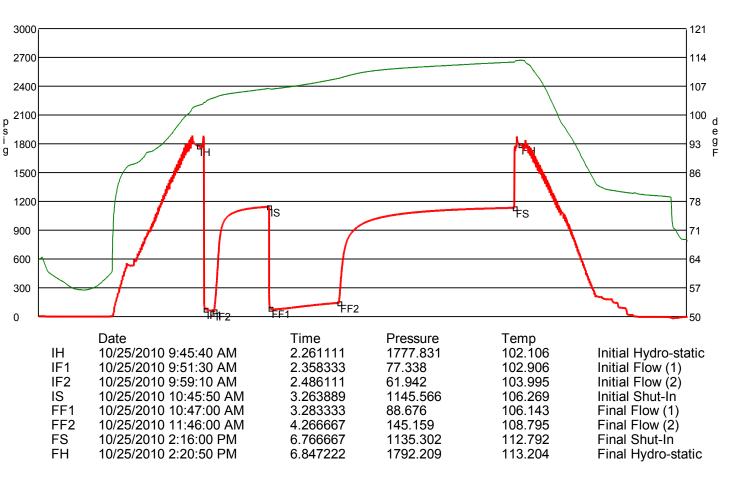
Strong blow throughout the intial flow period, reaching the bottom of the bucket in 30 seconds. Weak surface blow back throughout the initial shut-in period. Very strong blow throughout the final flow period, hitting the bottom of the buc ket instantaneously. Gas to surface in 4 minutes. It never did completely blee d off, but after 33 minutes, we got a surface blow back that built and hit the b

ottom of the bucket in 5 minutes. Times: 10, 45, 60, 150. Oil Gravity: 38.

# RECOVERY

| Feet | Description                             | Gas        | Oil         | Water     | Mud        |
|------|---|------------|-------------|-----------|------------|
| 3385 | Gas in Pipe                             | 100%3385ft | 0% Oft      | 0% Oft    | 0% Oft     |
| 80   | Clean oil                               | 0% Oft     | 100%80ft    | 0% Oft    | 0% Oft     |
| 20   | Very gassy, very slight mud cut oil     | 33% 6.6ft  | 64% 12.8ft  | 0% Oft    | 3% 0.6ft   |
| 65   | Gassy, very slight mud cut oil          | 15% 9.8ft  | 83% 54ft    | 0% Oft    | 2% 1.3ft   |
| 190  | Gassy, slight water, slight mud cut oil | 5% 9.5ft   | 74% 140.6ft | 9% 17.1ft | 12% 22.8ft |
| 60   | Gassy, slight oil, slight mud cut water | 7% 4.2ft   | 10% 6ft     | 70% 42ft  | 13% 7.8ft  |

DST Fluids 60000



#### **GAS FLOWS**

| Min Into IFP | Min Into FFP | Gas Flows | Pressure  | Choke   |
|--------------|--------------|-----------|-----------|---------|
|              |              |           |           |         |
| 0            | 10           | 26.60 mcf | 18.00 h2o | 0.50 in |
| 0            | 20           | 25.45 mcf | 16.50 h2o | 0.50 in |
| 0            | 30           | 22.80 mcf | 13.00 h2o | 0.50 in |
| 0            | 40           | 20.90 mcf | 11.00 h2o | 0.50 in |
| 0            | 50           | 19.35 mcf | 9.50 h2o  | 0.50 in |
| 0            | 60           | 18.00 mcf | 8.50 h2o  | 0.50 in |
|              |              |           |           |         |



# **Fisher #1-15**

SW-NW-SE-NE 1724' FNL & 1110' FEL Sec.15, T25s-R14w Stafford County, Kansas

API# 15-185-23645-00-00

Spud Date: 10/18/2010

Completed:

Field: Jordan

GL: 1965' KB: 1974'

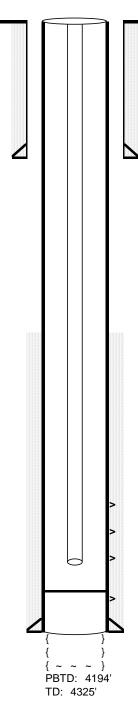
#### Surface Casing:

8-5/8" 23# set @ 920' Cemented with 400 sx 60/40 Poz-Mix

#### **Production Casing:**

5-1/2", 15.5# set @ 4234' Cemented with 225 sx 50 sx 60/40 scavenger 175 sx AA-2

CIBP @ 4050'



TOC: Surface

Tubing:

134 x 2-7/8" SN @ 4127' **Rods:** 

163 x 3/4"

Pump:

2.5 x 1.5 x 12 RWT w/8' gas anchor

TOC: 2870' CBL

#### L-KC Perfs:

"H" 3804-12' (16) 11/11/10 500 15% INS-2.5 BPM @ 0#

 $\hbox{``J'' }3844-49' \ (10) \ 11/11/10 \\ \hbox{ }500 \ 15\% \ INS-1/2 \ BPM @ 375\# \\ \hbox{ }retreat \ 2000 \ 15\% \ NE-2.8 \ BPM@0\#$ 

"K" 3890-94' (8) 11/11/10 500 15% INS-3/4 BPM @ 1400#

Mississippi Perfs:

 $4068\text{-}86\text{'}\ (72) \quad 11/11/10 \qquad \quad \text{500 15\% MCA-5 BPM @ 1400\#}$ 

2000 15% NE-90 balls 8 BPM @ 1800#